

## DVB-C Headend with Satellite and IPTV Input



- 4 Channel DVB-C (QAM) Headend System
- 8 DVB-S/S2 tuner inputs for up to 8 FTA and 4 scrambled satellite transponders
- 128 IPTV inputs (UDP, RTP)
- 4 groups multiplexing + 4 groups scrambling
- 4 adjacent QAM channel modulating
- Excellent RF output performance index, MER  $\geq$  43 dB
- PCR adjusting
- PSI/SI editing and inserting
- Web management, Updates via web
- DiSEqC 1.0 LNB control for up to 4 satellites
- Dual power supply (optional)

BLANKOM HDC-6008CI is a high performance and cost-effective QAM modulator. Equipped with 8 DVB-S/S2 tuner inputs, 4 CI Slots for CAM's, 4 groups multiplexing with scrambling, supports a maximum of 128 IPTV inputs through the GE port and outputs 4 adjacent carriers (50MHz...960MHz) combined output through the RF output interface in parallel with 4x MPTS outputs.

*BLANKOM HDC-6008CI is a new generation cable-tv headend system in one unit. Satellite and IPTV channels, decrypted, re-encrypted, and can be combined in a 4 RF- DVB-C group and distributed over coaxial cable to large networks.*

BLANKOM HDC-6008CI is also characterized with a high integration level, high performance and effective cost. It supports dual power supply (optional). This unit is very flexible and perfect for new generation CATV headend systems.

Technical specifications:

Function	4 channel DVB-C Headend with Satellite & IPTV input
INPUT	8 DVB-S/S2 Tuner (4 of them with CI)
	128 IPTV channels over UDP or RTP protocol, Multi- or Unicast
OUTPUT	4 DVB-C groups which can be multiplexed from any combination of all input channels, NIT configurable, LCN support
Tuner section	8 DVB-S/S2 tuners with input frequency range: 950-2150 MHz
	Symbol rate: 2-45 MSps (supports SCPC and MCPC)
	Signal strength: -65...-25dBm
	Supports QPSK, 8PSK; supports DiSEqC 1.0 LNB control for up to 4 satellites
Multiplexing	4 multiplexers, Maximum PID remapping: 128per input channel
	PID remapping (non, automatically or manually), PCR re-clocking, Generation of PSI/SI table automatically, PID – adding manually
Scrambling	Max simulcrypt CA: 4
	Scramble Standards: ETR289, ETSI 101 197, ETSI 103 197
	Local/remote connection
Modulation	4 DVB-C (QAM) channels, Standard EN300 429/ITU-T J.83A/B
	RF frequency 50...960 MHz, 1 kHz step
	RF output level 77...97 dBμV, 0.1 dB step
	Constellation 16/32/64/128/256QAM
	MPTS / SPTS over UDP, 10/100 Base-T Ethernet interface (UDP unicast / multicast)
SYSTEM	
Control	Remote management Web NMS (10M/100M)
Dimensions	482 × 300 × 44.5mm, 19" 1RU, 3.7 kg
Power	AC 110V±10%,50/60Hz ... AC 220V±10%, 50/60Hz, 25 W, (dual power supply optional)
Temperature	0...45 °C (operation), -20...80 °C (storage)

